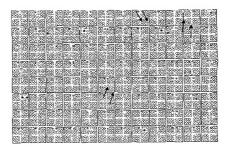
Figure 1

A



В

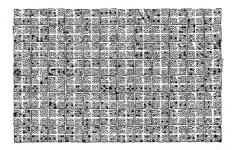


Figure 2

Differentially expressed genes	intact skin	wound	intact skin	wound
	control animals	control animals	dexamethasone	dexamethasone
SW1368	1,00	148,90	0,70	181,50
SW1695	1,00	0,24	0,94	0,61
Differentially expressed genes	intact skin	wound	intact skin	wound
	young mice	young mice	old mice	old mice
SW1368	1,20	170,70	0,80	204,60
SW1695	0,44	0,07	0,65	0,10

Figure 3

Differentially expressed genes	intact skin	wound	intact skin	wound
	control mice	control mice	diabetic mice	diabetic mice
SW1368	1,00	561,60	2,20	284,40
SW1695	1,00	0,07	1,01	0,08

Figure 4

CDNA-HUMAN*	SEQ ID No. 6	SEQ ID No. 8
CDNA-MOUSE*	SEQ ID No. 5	SEQ ID No. 7
Seq ID No.	2	4
No. NAME PROTEIN-MOUSE* Seq ID No. PROTEIN-HUMAN* Seq ID No. CDNA-MOUSE* CDNA-HUMAN*	SEQ ID No. 2	SEQ ID No. 4
Seq ID No.	1	ю
PROTEIN-MOUSE*	SEQ ID No. 1	SEQ ID No. 3
NAME	SW1368	2. SW1695
No.	_	. 2

 $[\]ast$; SEQ ID numbers of the sequence listing

Figure 5

IM Mouse_sw1368	CS Hum sw1368 GA Mouse sw1368	VV Hum_sw1368 TI Mouse_sw1368	LV Hum sw1368 FV Mouse_sw1368	Hum_sw1368 Mouse_sw1368	
TOPLVNTTDKVHEL-MKR KVSYLSIIFHLCFNT	CGLLWTLCLLMNGLTSSF CAVIMVLSLJICIINSYE	WVRRSSOOWRROPTRLEV RLFCGAGOMKLTBFHU	LSRLSSSVSSSANPVIYI LEVLTA-INSCANFILYI	TVGTNEMGA	
ADDLLFLES - MASTLSLE ADFLFILSSILASTLFUL	VLEPIWEKCHRPRHLSAWV VLCBTMYRCHRBVHTSTVM	LIMGVLTPVMTLSSLTLEV YMIFILV-ULCLSSIALLA	YWLSLPPEMQVI CFS FKIKDDFHVI DVNLYLA	REEPPLEGGETP ODTPETAENMVEMSSNKAE	
WLLGFRMHRNPFCIYILNLAF WLLGFHLRRNAFSVXILNLAI	CEAYTVGLSLLTAISTORCLSV 1VV YITGL SM USAISTECCLSV	KET - KENEDR - CERVDMVQAA! VLHTRYDNDNBGLATNIFTAS	LASVIVELICSLPISIXWEVI ILTELIVELLOGLEFVIMCILL	GSRRSHRLPTRSLGTVLQQAL GSRR-HQLKHQTJKMVLQSAJ	
	19 INLLGFRMHRNPFCIYILNLAAADLLFLFS - MASTLSLBTQPLVNTTDKYHET-MKRLM Hum sw1368 61 FWLLGHHLRRMAASV <u>VILNLATAD FLFT</u> LIS ITASTLIFLKVSYLSI IFHLGFNTIM Mouse_sw1368	19 INLIGERMHRNPECIYILNLAAADLIFLES MASTISLEIQPLVNTIDKVHEIL-MKRLM Hum_sw1368 61 RWLLGEHLRNAASVYILNLALADREIJASSITASTIRLKVSYLSI IFHLGENTIM MOUSE_SW1368 100XERYTVGLSLLTAISTORCLSVLEPIWFKCHRPRHLSAWVCGLLWTLCLLMNGLISSFCS Hum_sw1368 118MVVYLTIGTSMUSAISTECLSVLEPIWFKCHRPRHLSAWVCGLLWTLCLLMNGLISSFCS Hum_sw1368	19 INTLGFRMHRNPFCIYILNLAAADLLFLES MASTLSLETQPLVNTTDKVEBT- MKRLM Hum_sw1368 61 FWLLGFHLRRNAASVYILNLAALAFLESTISS I TASTLFLKVSYLSI IFHLCFNTIM MOUSE_SW1368 106YFRYTGLSLLTAISTORCLSVLFPIWFKCHRPRHLSAWVCGLLWTLCLLMNGLTSFCS Hum_sw1368 118MVVVITIGISMLSAISTEGCLSVLGFTWYRCHRFVHTSTVMGAVIMVLSLLICTINSFCA MOUSE_SW1368 116KKFI - KENEDB - CFRVDBVQAALIMGVLTPVMTLSSLTLFVNVRSSQOWRROPTRIEVVV Hum_sw1368 118VLHTRVONDN DGLATNIFTASYMIFTLIV - VLICESLAALLFRVRVRRSSQOMRROPTRIEVVV Hum_sw1368	99 WILGERMHRNPFCIYILNLAAADLLFLES MASTLSLETQPLVNTTDKVHEI - MKRLM Hum_sw1368 61 FWLLGFHLRNAAFSVYLILNLAALABTETISS I TASTLFLEVSYLSI I FHLJCFNTIM MOUSE_SW1368 106/FRAYTVGLSLLTAISTCACLSVLFPINFKCHRPWHISANVCGLLWTLCLLMNGLTSSFCS Hum_sw1368 118MVWMITAGISMLSAISTCACLSVLCPINFKCHRPWHTSTVMCALWTLCLLMNGLTSSFCS Hum_sw1368 118WVMITAGISMLSAISTCACLSVLCPINFKCHRPWHTSTVWVRRSSQQWRRPFTFLFVW Hum_sw1368 118VLHTRYDMJNBCLATNIFTASYMIFLLY VUCLUSIALITANLFCGACG - MKLTFFHYTI MOUSE_SW1368 224/LASVLVFLICSLPLSIYWEVLYWLSLPPEMQVII CESISRLSSVSSANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYWEVLYWLSLPPEMQVII CESISRLSSVSSANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYWEVLYWLSLPPEMQVII CESISRLSSVSSSANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYMEVLYMLSTRAAFT NSCANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYMEVLYMLSTRAAFT NSCANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYMEVLYMLSTRAAFT NSCANPVIYFLY Hum_sw1368 234/LASVLVFLICSLPLSIYMEVLYMLSTRAAFT NSCANPVIYFLY HUMSESM1368 234/LASVLVFLICSLPLSIYMEVLYMLT NSCANPVIYFLYML NOUNESSM1368 234/LASVLVFLICSLPLSIYMEVLYMLT NSCANPVIXFLYML NOUNESSCANPVIXFLYML	11 WILLGHLINENDECLYILNIAAADILELES MASTISLETQELVNTTDKVHEIJ-WKRIM Hum_sw1368 12 RULLGHLINENAABSVIILNIAALABTLEILIS IIIASTIRLIKVSYISI IFHLICFNTIM MOUSE_Sw1368 106YERYTUGESLITAISTORCISVICHTRERHISANVCGLIWTLCILMNGLTSSFCS Hum_sw1368 118MVVMITAGISMUSALSTGCLSVLGHTWRRCHRPHLSANVCGLIWTLCILMNGLTSSFCS Hum_sw1368 116KFIJ-KENEDB - CERVDMVQAALIMGVLTPVMTLSILLYWNRRSSOWRROPTRIFVVM Hum_sw1368 1284LASVLVFIICSLPLSIYWPVLYWLSLPPEMQVIJ CESISRISSUSSSANPVIYFILW wunse_sw1368 234LTTILVFILLGTFUMCTLUFF - KIRDDFHUUDVNLYTALBVUTTA - INSCANPTIYFTW MOUSE_SW1368 236GSRRSHRLPTRSLGTVLQALREEPB LEGGETPTVGTNEMG Amm_sw1368

All boxed mouse sequences exactly match the human sequence Hum_swl368.

Figure (

1 MDPTTPAWGTESTTVNGNDQALLLLCGKETLIPVFLILFIALVGLVGNGFVLWLLGFRMR Hum_sw1695 1 MGIDISSLGIYIIA RNGSSYTNSVDGFFKIQVMGFLSLTJTSRVGMYLNSTVLWFLGFGTR MOUSE_SW1695	61 RNAFSVYVLSLAGADFLFLCFQIINCLVYLSNFFCSISINFPSFFTTVMTCAYLAGLSMI Hum sw1695 61 RNAFSVYTINLAGADFLFTH RGFF TRYILATEPSTPHQTHTFEDMLTKFAYTSGLSTH Mouse_sw1695	12 STVSTERCLSVLWPIWYRCRRPRHLSAVVCVLLWALSLLLSILEGKEGGFLFSDGDSGWG Hum sw1695 11 STTISTERCICUMWPIWYRGQRPRHTSSVTIGSLLWALSLLFRALLIGAGGGLLENSFLDSWG Mouse_sw1695	^ 18 OTFDEITAAWLIELEMVLCGSSLALI VRILCGSRGLPLTRLYLTILLTVLVFLLCGLPFHum_sw1695 17 LKFDLJIGAM SJYLFVLCGSSLHPTCXRJFCGSQQIFYTRLYVTJALTVJSFJTGGLPFMouse_sw1695	24 GIOWELILWINKDSDVLFCHIHPVSVVLSSINSSANPIIYFVGSFRKOWRLQOPILKLÄHUK95 23 GISM-TIQMSETLIYVGEGDYFHEELFLSCINSCANPIIXFUG-BIRGRKFQOKSLKVL Mouse_sw1695	Nouse_sw1695 10 LQRALQDIAEVDHSEGCFRQGTPEMSRSSLV 10 LQRAMEDTPEEENEDMGPSRNPEDFETVCSN
1 MDPTTPAWG	61 RNAFSVYVI	12 STVSTERCL	18 OTFDFITAR	24 GIOWFLILW	30 LORALODIA
	61 RNAFSVYII	11 STISTERCL	17 LKFBLIICA	23 GISM-IIOW	29 LORAMEDTE

All boxed mouse sequences exactly match the human sequence Hum_sw1695.

Figure 7

Figure 8

and or nicer patients	uicer patients wound ground	1,74	0,00	
	intact skin ulcer wound edge of	1,00	1,00	
	Target gene	human SW1368	human SW1695	Timum and a second